

Sept. 9, 1924.

W. HARTLEY

1,507,997

CURTAIN POLE AND SHADE BRACKET

Filed Feb. 14, 1923

Fig. 1

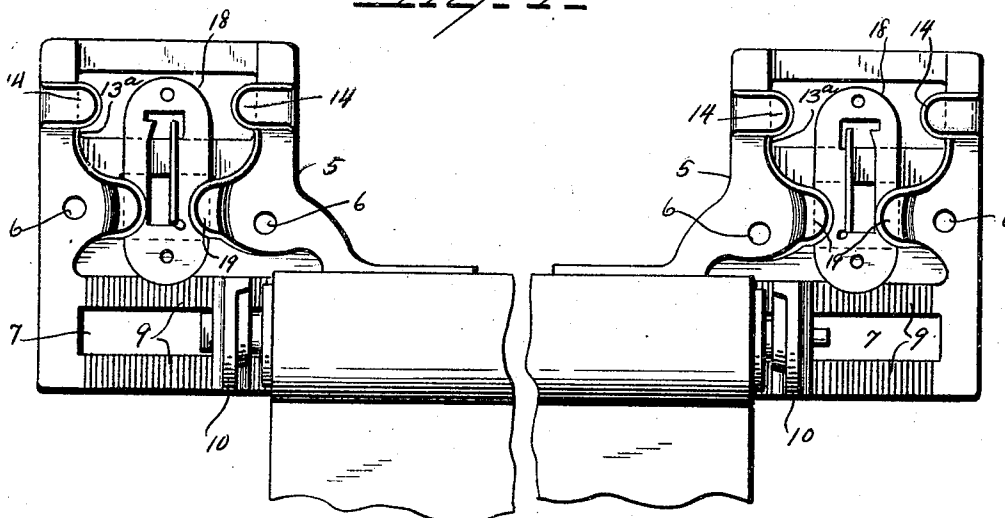


Fig. 2

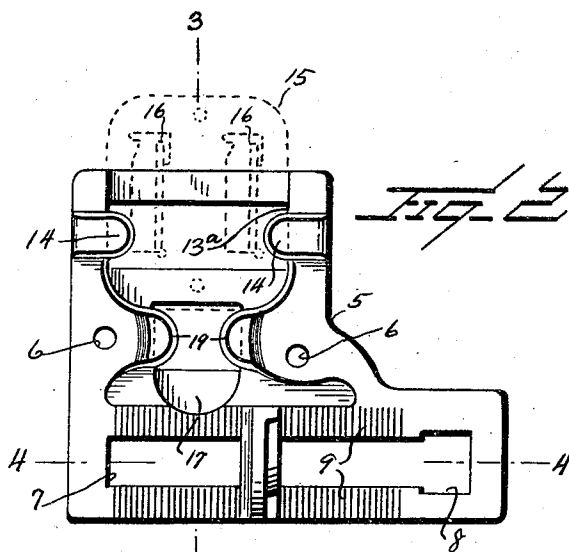


Fig. 3

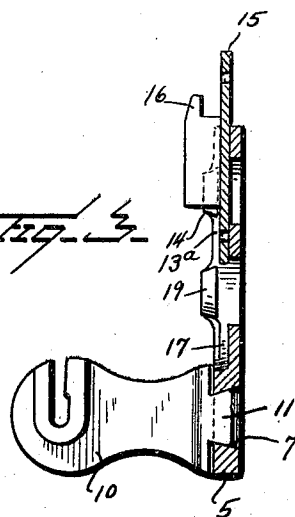
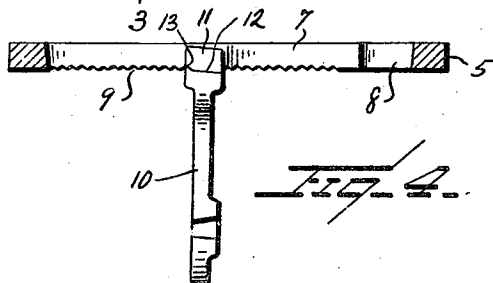


Fig. 4



INVENTOR.

W. Hartley

BY

Watson E. Coleman
ATTORNEY.

UNITED STATES PATENT OFFICE.

WILLIAM HARTLEY, OF ELWOOD, INDIANA.

CURTAIN-POLE AND SHADE BRACKET.

Application filed February 14, 1923. Serial No. 619,022.

To all whom it may concern:

Be it known that I, WILLIAM HARTLEY, a citizen of the United States, residing at Elwood, in the county of Madison and State of Indiana, have invented certain new and useful Improvements in Curtain-Pole and Shade Brackets, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain new and useful improvements in curtain pole and shade brackets, and has particular reference to improved means for mounting supporting members of a shade roller so that they may be readily adjusted different distances apart and are effectively retained adjusted by engagement of the shade roller with the supporting members, whereby shade rollers of differing lengths may be readily accommodated.

Another object of the invention is to provide a shade bracket embodying a base plate adapted to be secured against the outer face of a window frame in the usual manner and having novel means for removably supporting conventional forms of single or double curtain pole supporting brackets, as desired.

Other objects will appear as the nature of the invention is better understood, and the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claims.

In the drawings, wherein like reference characters designate corresponding parts throughout the several views:

Figure 1 is a front elevational view showing a pair of brackets constructed in accordance with the present invention operatively supporting a shade roller and a pair of single curtain pole supporting brackets;

Figure 2 is an elevational view of the left hand bracket shown in Figure 1, and illustrating by dotted lines a double form of curtain pole supporting bracket in position to be supported by the bracket of the present invention;

Figure 3 is a vertical sectional view on line 3—3 of Figure 2; and

Figure 4 is a horizontal sectional view on line 4—4 of Figure 2.

Referring more in detail to the drawings, the invention consists of a pair of brackets of right and left hand form, for employment at the corresponding ends of the shade roller and curtain pole, both of which brackets, with the exception of being of reverse formation, are of identical construction so that a detailed description of one will suffice.

The invention embodies a base plate of any desired ornamental form and constructed of sheet or cast metal with openings for the reception of screws or the like, whereby the plate is firmly fastened flatly against the window frame in the usual position.

The plate is provided with a horizontal elongated slot in its lower portion, the walls of which converge outwardly, and one end of which is enlarged as for a purpose which will presently become apparent. The plate is provided with transverse vertically arranged notches at each side of the slot so as to form upper and lower horizontal racks. A shade roller supporting member is associated with each plate, and embodies the usual outstanding plate formed at its outer end in the usual way for the reception of the pintle of the shade roller, but having its inner end reduced so as to provide a dove-tailed lug of a form and size to loosely move in the slot for retaining the shade roller supporting member attached to the plate, but permitting adjustment of said shade roller supporting member in a horizontal direction whereby the shade roller supporting members of two brackets may be adjusted the desired distance apart for accommodating shade rollers of differing lengths. The enlarged portion at the inner end of the slot is of such size as to freely admit the lug of the shade roller supporting member or to permit detachment of the latter in case renewal of the same is desired. The inner end of the shade roller supporting member is beveled as so that this member is capable of being tilted in a horizontal plane, and the trans-

verse teeth 13 are provided upon this end of the supporting member at the outer side of the same in a position to project inwardly for engagement with the racks when the shade roller supporting member is positioned perpendicularly to the base plate 5, and to be released from said racks when the roller supporting member is tilted inwardly. In this way it will be seen that an effective means is provided for holding the roller supporting member when adjusted, which means may be readily released when a change of adjustment is desired and which change of adjustment may be readily obtained by sliding the roller supporting member in a desired direction.

The base plate 5 is provided with a relatively wide recess 13^a in its outer surface and above the horizontal slot in which the shade roller supporting member is mounted. The plate 5 is provided with a pair of oppositely extending inwardly directed lugs 14 which are in spaced relation to and overlie the bottom of the recess 13^a so as to form guideways between these lugs and the plate 5 into which may be slid the conventional type of double curtain pole supporting bracket 15. These brackets embody a plate portion which is ordinarily fastened directly to the window frame but which is removably slid downwardly into the recess 13^a when employed with the present form of bracket and which is provided with upwardly projecting pins 16 adapted to enter perforations in the ends of the curtain rods in the usual well known manner.

At a point between the recess 13^a and the horizontal elongated slot, the plate 5 is provided with a further recess 17 similar to the recess 13^a but of narrower form, for reception of a single curtain pole supporting bracket of conventional form denoted by the numeral 18. The oppositely extending lugs 19 are provided on the plate 5 so as to overlie the bottom of the recess 17 for retaining the bracket 18 in place in the recess 17 into which said bracket is slid. It will thus be seen that a simple and efficient means is provided for removably supporting either single or double curtain pole supporting brackets in the base plate of a shade roller supporting bracket.

In operation, the shade roller supporting member is tilted inwardly so as to disengage its teeth from the racks, whereupon said supporting member may be readily slid in a horizontal direction in the elongated slot so as to bring the supporting members of a pair of brackets the desired distance apart as required for the particular length of shade roller which is to be mounted. The shade roller supporting members are then swung outwardly to a position wherein they lie perpendicular to the base plate 5, with their teeth engaging the racks for effectively

preventing separating movement of the shade roller supporting members. Should it be found desirable to also employ the bracket for supporting a single curtain pole, the required single curtain pole bracket members 18 are slide into their recesses 17 from the top. On the other hand, if a plurality of curtain poles are to be used, the double form of bracket 15 is slid into each recess 13^a from the top.

In view of the foregoing it is believed that the construction and operation as well as the advantages of the present invention will be readily understood and appreciated by those skilled in the art.

Minor changes may be made without departing from the spirit and scope of the invention as claimed.

What is claimed is:—

1. In combination with a base plate carrying a shade roller supporting member and adapted for attachment to a window frame, said base plate being formed with two recesses in its outer face, one recess extending downwardly from the upper edge of said plate and the other recess extending downwardly from the first mentioned recess, and retaining lugs at the side edges of the said recesses, the first named recess being adapted for the reception of a conventional curtain pole supporting bracket of the double type, and the last mentioned recess being adapted for the reception of a conventional curtain pole supporting bracket of the single type.

2. In combination with a base plate carrying a shade roller supporting member and adapted for attachment to a window frame, said base plate being formed with selectively usable recesses of different sizes arranged in communicating relation and each adapted to receive a selected type of conventional curtain pole supporting bracket, and lugs at opposite sides of each of the recesses projecting toward each other and overhanging the respective recess whereby to retain the curtain pole supporting bracket in position.

3. In combination with a base plate carrying a shade roller supporting member and adapted for attachment to a window frame, said base plate having a recess in its outer face opening from the top of the base plate and adapted for snug reception of the base plate portion of a conventional curtain pole supporting bracket, and lugs at opposite sides of said recess projecting toward each other and overhanging the bottom of the recess to retain the curtain pole supporting bracket in said recess except upon upward displacement of said curtain pole supporting bracket, said recess being of a width to accommodate the relatively large base plate of a double curtain pole supporting bracket, and a second recess in the outer

face of the base plate of the shade roller supporting bracket at the lower end of the first named recess, and lugs at opposite sides of the second recess projecting toward each other, and overhanging the bottom of said second recess to retain the base plate of a curtain pole supporting bracket in said recess except upon upward displacement of said curtain pole supporting bracket, the last named recess being of a relatively narrow width for snug reception of the base plate of a conventional form of single curtain pole supporting bracket. 10

In testimony whereof I hereunto affix my signature.

WILL HARTLEY.